

# Dialog DataStar

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## Advanced Search: INSPEC - 1969 to date (INZZ)

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Search history:

| No. | Database | Search term  | Info added since | Results |                             |
|-----|----------|--|------------------|---------|-----------------------------|
| 1   | INZZ     | modulator\$1 WITH switch\$3 WITH first WITH second WITH state\$1                                     | unrestricted     | 0       | -                           |
| 2   | INZZ     | modulator\$1 WITH switch\$3 WITH first WITH second WITH state\$1 WITH (reflecti\$4 OR transparen\$3) | unrestricted     | 0       | -                           |
| 3   | INZZ     | modulator\$1 SAME switch\$3 WITH first WITH second WITH state\$1 SAME (reflecti\$4 OR transparen\$3) | unrestricted     | 0       | -                           |
| 4   | INZZ     | modulator\$1 SAME switch\$3 WITH first WITH second WITH state\$1 SAME electron\$1                    | unrestricted     | 0       | -                           |
| 5   | INZZ     | modulator\$1 SAME switch\$3 SAME electron\$1   | unrestricted     | 152     | <a href="#">show titles</a> |
| 6   | INZZ     | modulator\$1 SAME switch\$3 SAME electron\$1 SAME (salt\$1 OR cation\$1)                             | unrestricted     | 0       | -                           |

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- ☐ Classification codes A: Physics, 0-1
- ☐ Classification codes A: Physics, 2-3
- ☐ Classification codes A: Physics, 4-5
- ☐ Classification codes A: Physics, 6
- ☐ Classification codes A: Physics, 7
- ☐ Classification codes A: Physics, 8

**Search Query Case No. 10/785,370**

|     |   |  |
|-----|---|--|
| 1   | ("6724512").PN.   | USPAT; USOCR                                       |
| 3   | ((("6724512") or ("6583916") or ("6381059")).PN.  | USPAT; USOCR                                       |
| 1   | 20040165245   | US-PGPUB; USPAT                                    |
| 1   | S4 and active   | US-PGPUB; USPAT                                    |
| 1   | S4 and (active adj material\$1)   | US-PGPUB; USPAT                                    |
| 31  | (electrooptic\$1 or (electro adj optic\$1)) with modulator\$1 with switch\$3 with first with second               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 10  | (electrooptic\$1 or (electro adj optic\$1)) with modulator\$1 with switch\$3 with first with second with state\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 302 | modulator\$1 with switch\$3 with first with second with state\$1  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 3   | modulator\$1 with switch\$3 with first with second with state\$1 with transparen\$3                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 8   | modulator\$1 with switch\$3 with first with second with state\$1 with reflecti\$4                                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 403 | switch\$3 with first with second with state\$1 with reflecti\$4   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 60  | modulator\$1 with switch\$3 with (first adj state) with (second adj state\$1)                                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 1   | ("6589451").PN.   | USPAT; USOCR                                       |
| 2   | ((("5732168") or ("5828799")).PN.   | USPAT; USOCR                                       |
| 163 | (359/320).CCLS.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 33  | S16 and electron\$1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 4   | S16 and (electron\$1 with (inject\$3 or remov\$3))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

|       |   |  |
|-------|---|--|
| 4068  | (359/244,245,252-254,290,294,296,320-322).CCLS.   | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 11577 | (385/1-3,14-16,18,39,40).CCLS.  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 705   | (398/51,54-56,183).CCLS.  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 15988 | S19 or S20 or S21   | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 302   | modulator\$1 with switch\$3 with first with second with state\$1  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 22    | S22 and S23   | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 9     | modulator\$1 with switch\$3 with first with second with state\$1 with<br>(reflecti\$4 or transparen\$3)     | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 16    | (modulator\$1 with switch\$3) same (first with second with state\$1) same<br>(reflecti\$4 or transparen\$3) | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 26    | (modulator\$1) same (switch\$3 with first with second with state\$1) same<br>(reflecti\$4 or transparen\$3) | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 9     | (modulator\$1) same (switch\$3 with first with second with state\$1) same<br>electron\$1                    | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 0     | (modulator\$1) same (switch\$3 with on with off with state\$1) same<br>electron\$1                          | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 1374  | modulator\$1 same switch\$3 same electron\$1  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |

|       |  |  |
|-------|--|--|
| 50    | S22 and S30  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 41    | modulator\$1 same switch\$3 same electron\$1 same (salt\$1 or cation\$1) | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 4068  | (359/244,245,252-254,290,294,296,320-322).CCLS.                          | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 11577 | (385/1-3,14-16,18,39,40).CCLS.   | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 705   | (398/51,54-56,183).CCLS.   | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 15988 | S33 or S34 or S35  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 1569  | (252/582,587).CCLS.  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 17488 | S36 or S37   | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 41    | modulator\$1 same switch\$3 same electron\$1 same (salt\$1 or cation\$1) | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |
| 2     | S38 and S39  | US-PGPUB; USPAT;<br>USOCR; EPO; JPO;<br>DERWENT; IBM_TDB |

**Search Results Case No. 10/785,370**

|                   |          |  |           |
|-------------------|----------|--|-----------|
| US 5037169 A      | USPAT    | High speed low loss optical switch for optical communication systems   | 385/16    |
| US 6310664 B1     | USPAT    | Continuously viewable, DC field-balanced, reflective, ferroelectric liquid crystal image generator   | 349/25    |
| US 6381059 B1     | USPAT    | Optical shutter  | 359/244   |
| US 6583916 B2     | USPAT    | Optical shutter assembly   | 359/244   |
| US 6589451 B1     | USPAT    | Optical shutter  | 252/587   |
| US 6724512 B2     | USPAT    | Optical switch device  | 359/244   |
| US 6751004 B2     | USPAT    | Optical system with magnetorheological fluid   | 359/280   |
| EP 637133 A       | DERWENT  | Pulse generator producing HV pulses of high electrical energy - comprises pulse forming networks, interconnected by switches, each capable of being charged to potential twice HV supply value |           |
| US 20040165245 A  | DERWENT  | Electro-optic modulator for high speed optical and data communications, includes active material that reversibly switches between first and second states                                      |           |
| US 20020185474 A1 | US-PGPUB | Micromachining with high-energy, intra-cavity Q-switched CO2 laser pulses  | 219/121.7 |
| US 20040085613 A1 | US-PGPUB | Optical system with magnetorheological fluid   | 359/280   |
| US 20040165245 A1 | US-PGPUB | Electro-optic reflective modulators  | 359/245   |
| US 20040165246 A1 | US-PGPUB | Electro-optic modulators   | 359/245   |